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
NPIC/P&DS/296-65
23 August 1965



Subject: Projects suggested for investigation under Contract 

Reference:  FY-66 Budget  dated 2 April 1965

Dear Ed;

Reference our 11 August discussion regarding  further equipment development and the nine suggested items submitted in April -- all of these have been reviewed here and our comments are as follows:

Rapid Access Printer

Comment: We would be interested in any further technological advances you may have made in this area. Based upon informal clarification and information you might supply, we suggest a meeting in the immediate future between our technical representatives. Any action concerning further study and fabrication of a prototype, would be dependent upon the results of this meeting.

Reproduction System Distortion Study (depends on results of PAR-207)

Moire Pattern Technique Study

Comment: If the final report of PAR-207 (not yet received) shows that reproduction system distortions contribute significantly to photogrammetric problems, we would be interested in the application of Moire pattern techniques as a tool for evaluating printer-processor performance. A pure study of Moire pattern techniques, with no application presently in mind could not now be justified by NPIC.

Briefing Print Enlarger Prototype (follow-on to PAR-202)

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Fluid Gate Enlarger Prototype (follow-on to PAR-224)

Comment: If the results of the Phase I reports to these two projects (now combined) are satisfactory, we intend to support the prototype phase of PARs 202/224.

Stereo Projection Study ✓

Stereo Registration Device ✓

Study - Use of Holograms in Reproduction and/or Viewing

Study of Magnification Problems Near the Limit of Resolution

Comment: The state-of-the-art attained in each of these four suggested items has now been advanced to a very high level of sophistication by a number of other companies. Unless there is a technological breakthrough in any of these areas on the part of [] we are not interested in further efforts under the terms of this contract.

I recommend that our representatives meet 31 August and 1 September [] regarding the nine suggestions. With regard to the modification of the 10-20-40X Enlarger on the basis of using new techniques and component parts developed under PAR 202, my representatives will be receptive to any proposal your staff may offer for consideration as a PAR. As far as we are concerned the Turn Around Printer is a dead issue, we are not interested in reviving any part of it. The disposition of the component parts will be handled entirely through Headquarters channels.

I hope that this paper will serve as a timely medium in response to our mutual areas of interest. I appreciate your visit and hope we may continue this type of get-together on a regular basis throughout the year.



Assistant for Plans and Development

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